

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-046884

(43)Date of publication of application : 16.02.1996

(51)Int.Cl.

H04N 5/44
H04N 5/92
H04N 5/93

(21)Application number : 07-147985

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(22)Date of filing : 12.05.1995

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(30)Priority

Priority number : 94 245113 Priority date : 17.05.1994 Priority country : US

(54) SIGNAL PROCESSOR

(57)Abstract:

PURPOSE: To remove the problem of loss in lip synchronism by generating a muting control signal when the function of difference showing the relative synchronism of audio and video exceeds a threshold value and preventing the reproduction of audio from being performed through a muting circuit in response to this signal when the timing of audio and video component signals gets out of synchronism.

CONSTITUTION: The viewer of human being notices the lip synchronism error of -20 ms or +40 ms. When the lip synchronism error exceeds about 13 ms, in this case, the audio is muted. The muting control signal is generated by a threshold detector 225. This threshold detector 225 monitors an audio/video synchronism error signal provided from a subtracter 219. When the error signal exceeds a value corresponding to 13 ms, a muting control value is generated. The muting control signal outputted from the detector 225 is designed so as not to generate the output of D/A converter 227 or restoration device 212.

